

0590  
0830 #9

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OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/027,736A

DATE: 09/05/2002

TIME: 08:32:21

Input Set : A:\Seq-List.txt

Output Set: N:\CRF4\09052002\J027736A.raw

3 <110> APPLICANT: Presta, Leonard G.  
 4 Namenuk, Angela K.  
 6 <120> TITLE OF INVENTION: NON-HUMAN PRIMATE Fc RECEPTORS AND METHODS OF USE  
 8 <130> FILE REFERENCE: 11669.92US01  
 10 <140> CURRENT APPLICATION NUMBER: US 10/027,736A  
 C--> 11 <141> CURRENT FILING DATE: 2002-08-23  
 13 <160> NUMBER OF SEQ ID NOS: 72  
 15 <170> SOFTWARE: PatentIn version 3.1  
 17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 1074  
 19 <212> TYPE: DNA  
 20 <213> ORGANISM: Cynomolgus  
 22 <220> FEATURE:  
 23 <221> NAME/KEY: misc\_feature  
 24 <222> LOCATION: (1)..(1074)  
 25 <223> OTHER INFORMATION: FcgammaRI alpha-chain  
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 33 ttacagtgtg aggtgccccg tctgcttggg agcagctcca cacagtgggt tctcaatggc 180  
 35 acagccactc agacctcgac tcccagctac agaatcacct ctgccagtgt caaggacagt 240  
 37 ggtgaataca ggtgccagag aggtccctca gggcgaagt accccataca gctggaaatc 300  
 39 cacagagact ggctactact gcaggtatcc agcagagtct tcacagaagg agaacctctg 360  
 41 gccttgaggt gtcattgatg gaaggataag ctggtgtaca atgtgcttta ctatcaaaat 420  
 43 ggcaaagcct ttaagttttt ctaccggaat tctcaactca ccatttctgaa aaccaacata 480  
 45 agtcacaacg gcgcctacca ctgctcaggc atgggaaagc atcgctacac atcagcagga 540  
 47 gtatctgtca ctgtgaaaga gctatttcca gctccagtgc tgaatgcac cgtgacatcc 600  
 49 ccgctcctgg aggggaatct ggtcaccctg agctgtgaaa caaagttgct tctgcagagg 660  
 51 cctggtttgc agctttactt ctcttcttac atgggcagca agaccctgcg aggcaggaac 720  
 53 acgtcctctg aataccaaat actaactgct agaagagaag actctgggtt ttactgggtg 780  
 55 gaggccacca cagaagacgg aaatgtcctt aagcgcagcc ctgagttgga gcttcaagtg 840  
 57 cttggcctcc agttaccaac tcctgtctgg cttcatgtcc ttttctatct ggtagtggga 900  
 59 ataagtgttt tagtgaacac tgttctctgg gtgacaatac gtaaagaact gaaaagaaag 960  
 61 aaaaagtgga atttagaaa atctttggat tctgtctcatg agaagaaggt aacttcacg 1020  
 63 cttcaagaag acagacattt agaagaagag ctgaagagtc aggaacaaga ataa 1074  
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 68 <212> TYPE: DNA  
 69 <213> ORGANISM: Homo sapiens  
 71 <220> FEATURE:  
 72 <221> NAME/KEY: misc\_feature  
 73 <222> LOCATION: (1)..(1128)  
 74 <223> OTHER INFORMATION: FcgammaRI alpha-chain

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82 ttgcaactgt aggtgctcca tctgcctggg agcagctcta cacagtgggt tctcaatggc      180
84 acagccactc agacctcgac cccagctac agaatacct ctgccagtgt caatgacagt      240
86 ggtgaataca ggtgccagag aggtctctca gggcgaagt acccataca gctggaaatc      300
88 cacagaggct ggctactact gcaggctctc agcagagtct tcacggaagg agaacctctg      360
90 gccttgaggt gtcattgcgt gaaggataag ctgggtgtaca atgtgcttta ctatcgaaat      420
92 ggcaaaacct ttaagttttt ccactggaat tctaacctca ccattctgaa aaccaacata      480
94 agtcacaatg gcacctacca ttgctcaggc atgggaaaag atcgctacac atcagcagga      540
96 atatctgtca ctgtgaaaga gctatttcca gctccagtgc tgaatgcac tgtagacatcc      600
98 ccaactcctg aggggaatct ggtcaccctg agctgtgaaa caaagttgct cttgcagagg      660
100 cctggtttgc agctttactt ctcttctac atgggcagca agaccctgc aggcaggaaac      720
102 acatcctctg aataccaaat actaactgct agaagagaag actctgggtt atactggtgc      780
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106 cttggcctcc agttaccaac tcctgtctgg ttcatgtcc ttttctatct ggcagtggga      900
108 ataatgttt tagtgaacac tgttctctgg gtgacaatac gtaaaagaact gaaaagaaag      960
110 aaaaagtggg atttagaaat ctctttggat tctggtcatg agaagaagg aatttccagc      1020
112 cttcaagaag acagacattt agaagaagag ctgaaatgtc aggaacaaaa agaagaacag      1080
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118 &lt;211&gt; LENGTH: 933

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120 &lt;213&gt; ORGANISM: Cynomolgus

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123 &lt;221&gt; NAME/KEY: misc\_feature

124 &lt;222&gt; LOCATION: (1)..(933)

125 &lt;223&gt; OTHER INFORMATION: FcgammaRIIA

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133 ccgtggatca acgtgctccg ggaggactct gtgactctga cgtgcggggg cgctcacagc      180
135 cctgacagcg actccactca gtggttccac aatgggaatc gcatccccac ccacacacag      240
137 cccagctaca ggttcaaggc caacaacaat gatagcgggg agtacagggt ccagactggc      300
139 cggaccagcc tcagcgaccc tgttcatctg actgtgcttt ctgagtggtt ggcgcttcag      360
141 accctcacc tggagttccg ggaggagaa accatcatgc tgaggtgcca cagctggaag      420
143 gacaagcctc tgatcaaggc cacattcttc cagaatggaa tagccaagaa attttcccat      480
145 atggatccca atttctccat cccacaagca aaccacagtc acagtgggtg ttaccactgc      540
147 acaggaaaca taggtacac accatactca tccaaacctg tgaccatcac tgtccaagt      600
149 cccagcgtgg gcagctcttc accgatgggg atcattgtgg ctgtggtcac tgggattgct      660
151 gtagcggcca ttgttgctgc tgtagtggcc ttgatctact gcaggaaaa gcggatttca      720
153 gccaatcca ctgatcctgt gaaggtgcc cgatttgagc cacttgagc tcaaacgatt      780
155 gccctcagaa agagacaact tgaagaaacc aacaatgact atgaaacagc cgacggcggc      840
157 tacatgactc tgaacccag ggcacctact gatgatgata gaaacatcta cctgactctt      900
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163 &lt;211&gt; LENGTH: 936

164 &lt;212&gt; TYPE: DNA

165 &lt;213&gt; ORGANISM: Homo sapiens

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167 &lt;220&gt; FEATURE:

168 &lt;221&gt; NAME/KEY: misc\_feature

169 &lt;222&gt; LOCATION: (1)..(936)

170 &lt;223&gt; OTHER INFORMATION: FcgammaRIIA

173 &lt;400&gt; SEQUENCE: 4

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176 ctgctggctt ctgcagacag tcaagctgca gctccccc aaaggctgtgct gaaacttgag      120
178 ccccgctgga tcaacgtgct ccaggaggac tctgtgactc tgacatgcca gggggctcgc      180
180 agccctgaga gcgactccat tcagtggttc cacaatggga atctcattcc caccacacag      240
182 cagcccagct acaggttcaa ggccaacaac aatgacagcg gggagtacac gtgccagact      300
184 ggccagacca gcctcagcga ccctgtgcat ctgactgtgc tttccgaatg gctgggtgctc      360
186 cagacccctc acctggagtt ccaggaggga gaaaccatca tgctgaggtg ccacagctgg      420
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196 gctgtagcag ccattgttgc tgctgtagtg gccttgatct actgcaggaa aaagcggatt      720
198 tcagccaatt ccactgatcc tgtgaaggct gcccaatttg agccacctgg acgtcaaagt      780
200 attgccatca gaaagagaca acttgaagaa accaacaatg actatgaaac agctgacggc      840
202 ggctacatga ctctgaaccc cagggcacct actgacgatg ataaaaacat ctacctgact      900
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208 &lt;211&gt; LENGTH: 885

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212 &lt;220&gt; FEATURE:

213 &lt;221&gt; NAME/KEY: misc\_feature

214 &lt;222&gt; LOCATION: (1)..(885)

215 &lt;223&gt; OTHER INFORMATION: FcgammaRIIB

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219 &lt;221&gt; NAME/KEY: misc\_feature

220 &lt;222&gt; LOCATION: (879)..(879)

221 &lt;223&gt; OTHER INFORMATION: n = a or g or c or t/u unknown or other

224 &lt;400&gt; SEQUENCE: 5

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229 gctgggacac ctgcagctcc cccgaaggct gtgctgaaac tcgagccccc gtggatcaac      180
231 gtgctccggg aggactctgt gactctgacg tgcgggggcg ctacacagccc tgacagcgac      240
233 tcactcagt ggttccacaa tgggaatctc atccccaccc acacgcagcc cagctacagg      300
235 ttcaaggcca acaacaatga tagcggggag tacaggtgcc agactggccg gaccagcctc      360
237 agcgaccctg ttcattctgac tgtgctttct gagggtgctg cgctccagac ccctcacctg      420
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241 atcaaggcca cattcttcca gaattggaata tccaagaaat tttcccatat gaatcccaac      540
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247 agctcttcac cgatagggat cattgtggct gtggctcact ggattgctgt agcggccatt      720
249 gttgctgctg tagtggcctt gatctactgc aggaaaaagc ggatttcagc caatcccact      780
251 aatcctgacg aggtgacaa agttggggct gagaacacaa tcacctattc acttctcatg      840
W--> 253 catccggacg ctctggaaga gcctgatgac caaaaccgng ttttag      885

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Input Set : A:\Seq-List.txt

Output Set: N:\CRF4\09052002\J027736A.raw

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262 <221> NAME/KEY: misc_feature
263 <222> LOCATION: (1)..(876)
264 <223> OTHER INFORMATION: FcgammaRIIB
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272 gctgggacac ctgcagctcc cccaaaggct gtgctgaaac tcgagcccca gtggatcaac      180
274 gtgctccagg aggactctgt gactctgaca tgccggggga ctcacagccc tgagagcgac      240
276 tccattcagt ggttccacaa tgggaatctc attcccaccc acacgcagcc cagctacagg      300
278 ttcaaggcca acaacaatga cagcggggag tacacgtgcc agactggcca gaccagcctc      360
280 agcgaccctg tgcattctgac tgtgctttct gagtggctgg tgctccagac ccctcacctg      420
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290 ccgatgggga tcattgtggc tgtggtcact gggattgtg tagcggccat tgttgtgtgct      720
292 gtagtggcct tgatctactg caggaaaaag cggatttcag ccaatcccac taatcctgat      780
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300 <211> LENGTH: 765
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302 <213> ORGANISM: Cynomolgus
304 <220> FEATURE:
305 <221> NAME/KEY: misc_feature
306 <222> LOCATION: (1)..(765)
307 <223> OTHER INFORMATION: FcgammaRIIIA alpha-chain
310 <400> SEQUENCE: 7
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315 gaccgtgtga ctctgaagt ccaggagacc tactccctg aggacaattc cacacgggtg      180
317 tttcacaatg agagcctcat ctcaagccag acctcgagct acttcattgc tgctgccaga      240
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321 cagctggaag tccatatcgg ctggctattg ctccaggccc ctcggtgggt gttcaaggag      360
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325 tatttacaga atggcaagg caggaaagtat tttcatcaga attctgactt ctacattcca      480
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329 gtatcttcag agactgtgaa catcaccatc actcaagatt tggcagtgtc atccatctca      600
331 tcattctttc cacctgggta ccaagtctct ttctgcctgg tgatggtact cctttttgca      660
333 gtggacacag gactatattt ctctatgaag aaaagcattc caagctcaac aagggactgg      720
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339 <211> LENGTH: 765
340 <212> TYPE: DNA

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344 <221> NAME/KEY: misc_feature
345 <222> LOCATION: (1)..(765)
346 <223> OTHER INFORMATION: FcgammaRIIIA alpha-chain
349 <400> SEQUENCE: 8
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354 gacagtgtga ctctgaagtg ccaggggagcc tactcccctg aggacaattc cacacagtgg      180
356 tttcacaatg agagcctcat ctcaagccag gcctcgagct acttcattga cgctgccaca      240
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360 cagctagaag tccatatcgg ctggctgttg ctccaggccc ctcggtgggt gttcaaggag      360
362 gaagacccta ttcacctgag gtgtcacagc tggaagaaca ctgctctgca taaggtcaca      420
364 tatttacaga atggcaaagg caggaagtat ttcatcata attctgactt ctacattcca      480
366 aaagccacac tcaaagacag cggctcctac ttctgcaggg ggcttttttg gagtaaaaat      540
368 gtgtcttcag agactgtgaa catcaccatc actcaagggt tggcagtgtc aaccatctca      600
370 tcattctttc cacctgggta ccaagtctct ttctgcttgg tgatgggtact cttttttgca      660
372 gtggacacag gactataatt ctctgtgaag acaaacattc gaagctcaac aagagactgg      720
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378 <211> LENGTH: 357
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383 <221> NAME/KEY: MISC_FEATURE
384 <222> LOCATION: (1)..(357)
385 <223> OTHER INFORMATION: FcgammaRI      388 <400> SEQUENCE: 9
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395          20          25         30
398 Val Phe Gln Glu Glu Thr Val Thr Leu Gln Cys Glu Val Pro Arg Leu
399          35          40         45
402 Pro Gly Ser Ser Ser Thr Gln Trp Phe Leu Asn Gly Thr Ala Thr Gln
403          50          55         60
406 Thr Ser Thr Pro Ser Tyr Arg Ile Thr Ser Ala Ser Val Lys Asp Ser
407 65          70          75         80
410 Gly Glu Tyr Arg Cys Gln Arg Gly Pro Ser Gly Arg Ser Asp Pro Ile
411          85          90         95
414 Gln Leu Glu Ile His Arg Asp Trp Leu Leu Gln Val Ser Ser Arg
415          100         105        110
418 Val Phe Thr Glu Gly Glu Pro Leu Ala Leu Arg Cys His Ala Trp Lys
419          115        120        125
422 Asp Lys Leu Val Tyr Asn Val Leu Tyr Tyr Gln Asn Gly Lys Ala Phe
423          130        135        140
426 Lys Phe Phe Tyr Arg Asn Ser Gln Leu Thr Ile Leu Lys Thr Asn Ile
427 145          150        155        160
430 Ser His Asn Gly Ala Tyr His Cys Ser Gly Met Gly Lys His Arg Tyr

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RAW SEQUENCE LISTING ERROR SUMMARY  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; N Pos. 879

## VERIFICATION SUMMARY

DATE: 09/05/2002

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Input Set : A:\Seq-List.txt

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:840